

YALE UNIVERSITY
OSBORN BOTANICAL LABORATORY
NEW HAVEN, CONNECTICUT

July 19, 1946

Dear Beets:

Thanks much for the reprint - and for the tryptophane etc. cultures.

We've been running into a little difficulty in interpreting some of the morphological types coming from no treatment, or after mustard or especially methyl-cholanthrene treatment. These fall into 3 main types, flat, pink-fluffy, and conical - and each approximately 10% of the isolates from 25a X 1A. Has any track been kept of these types from the Stanford isolates? Were planning on using isogenic stocks when they're made.

2ndly - S. mutants (cystine and methionine) have run close to 25% of the total biochemicals from mustard. Is that what the radiation includes now. Did Norm find a disproportionate number with mustard gas?

3rdly - To the best of my knowledge, no clear-cut biochemicals have come from untreated stocks - i.e. spontaneous - in N. is that still true? We've done close to 2,000 isolates with no treatment, or ineffective treatment, without getting one.

2 in B₆
Cys meth
4/1

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The C.S.H. symposium was very fine - lots of good discussions and some excellent papers - especially Spieglerman's, Sonneborn's, and Hershey's. I am did a very creditable job too. Sonneborn has just kind v. Wajtkendak, but you probably already know that.

I am & Miriam are getting well settled, but are having trouble finding a house for later this summer. The situation is difficult - except for veterans. I was glad to hear your house in P.A. went to Art (who will appreciate it) and that you are located in Pasadena. How are the rest of the gang making out?

With best regards to all
yours

Ed.

P.S. We recently turned up a N-mustard
adimine-purple - we'd like to know if
it's the same as the Stangor purple - shall I
send it on?

Ed.